

# INFORMATION DISCLOSURE CITATION

PTO-1449

## Complete If Known

Sheet	1	of	1	Application Number	10/630,302
				Filing Date	July 30, 2003
				First Named Inventor	Richard T. Sharpe et al
				Art Unit	2133
				Examiner Name	Decady, Albert
				Attorney Docket Number	60877-0042-US

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code <sup>1</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
gmc		5,621,646	04/15/1997	Enge et al.	364	449	
		5,828,336	10/27/1998	Yunck et al.	342	357	
		5,899,957	05/04/1999	Loomis	701	214	
gmc		6,266,009 B1	07/24/2001	Hwang	342	357.12	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Translation	
							Yes	No
gme		EP 0609935 A2	08/10/1994	Hatch et al.				

## OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
gme		KEE, C., et al., "Algorithms and Implementation of Wide Area Differential GPS," Proceedings of the Institute of Navigation, GPS 1992, Albuquerque, New Mexico, September 18, 1992, pp. 565-572.
gme		HWANG, P.Y., et al., "Enhanced Differential GPS Carrier-Smoothed Code Processing Using Dual Frequency Measurements," Proceedings of the Institute of Navigation, Nashville, Tennessee, September 18, 1998, pp. 461-470.
gme		International Search Report for International Application No. PCT/US2004/023461, filed July 20, 2004, dated August 23, 2005.

Examiner Signature		Date Considered	12/5/05
--------------------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>2</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**LIST OF REFERENCES CITED BY APPLICANT**  
 (Use several sheets if necessary)

 ATTY DOCKET NO.  
 9792-0042-999

 APPLICATION NO  
 To be assigned

 APPLICANT  
 Sharpe et al.

7/30/03

 FILING DATE  
 Herewith

 GROUP  
 To be assigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

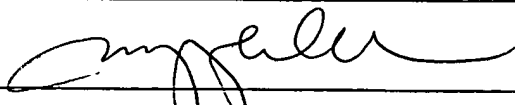
**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

**OTHER REFERENCES** (Including Author, Title, Date, Pertinent Pages, Etc.)

pme	Abousalem, Mohamed A., "Performance Overview of Two WADGPS Algorithms", GPS World, Innovation, May 1997, pp. 48-58
pme	Brown, Alison, "Extended Differential GPS", Navigation: Journal of the Institute of Navigation, Vol. 36, No. 3, Fall 1989, pp. 265-285
pme	Essen, R.F. van, Offermans, G.W.A., Helwig, A.W.S., Willigen, D. van, Regional Area Augmentation Concept for Eurofix, "Reducing Spatial Decorrelation Effects through Multi-station DGNSS", Presented at: the 26 <sup>th</sup> Annual Technical Symposium of the International Loran Association, Ottawa, Canada, October 6-9, 1997, pp. 1-12
pme	Kee et al., "Wide Area Differential GPS", Navigation: Journal of the Institute of Navigation, Vol. 38, No. 2, Summer 1991, pp. 123-145

EXAMINER



DATE CONSIDERED

12/5/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.